

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/776,478

Filing Date: February 2, 2001

Title: CLIENT/SERVER TWO-WAY COMMUNICATION SYSTEM FRAMEWORK UNDER HTTP PROTOCOL

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REMARKS

This is in response to the Office Action mailed on December 2, 2004, and the references cited therewith.

Claims 1, 3, 4, 10, 11, 12, 15, 19, 20, and 26 are amended, no claims are canceled, as a result, claims 1-26 are now pending in this application.

§102 Rejection of the Claims

Claims 1 and 4-26 were rejected under 35 USC § 102(e) as being anticipated by Tso et al. (U.S. 6,047,327). Applicant has amended claims 1, 10, and 19, from which claims 4-9, 11-18, and 20-26 depend, and respectfully traverses the rejection. Support for the amendments to claims 1, 10, and 19 may be found in the originally filed Specification at page 8, line 5 through page 9, line 15, and Figure 1. Amendments to claims 4, 11, 12, 15, 20, and 26 are for clarifying antecedent basis with their respective, amended independent claims, and for making other non-substantive changes. No new matter is introduced in conjunction with the amendments.

Applicant's claims 1, 10, 19, and the claims that depend therefrom include at least the following features, which distinguish these claims over that which is disclosed by Tso et al.:

Claim 1:

"... providing a communication server for one or more server-side applications in an HTTP based application server, wherein the communication server receives notification message data from one or more of the server-side applications, wherein the notification message data received by the communication server is intended for one or more clients of the applications, and wherein the notification message data includes application message data, and wherein the communication server stores the application message data;

providing a communication client for one or more of the clients of applications in an HTTP based application client, wherein the communication client automatically generates polling requests to the communication server;

in response to receiving a polling request from the communication client, the communication server determining whether any application message data has been stored that is

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intended for one or more of the clients of applications in the HTTP based application client, and if so, sending the application message data to the communication client; and

upon receiving the application message data, the communication client distributing the received application message data to the one or more clients of applications."

Claim 10:

"... a first server in an application server to send a first message to a second server in the application server, and also to provide information to one or more clients using HTTP;

the second server in the application server, coupled to the first server, to receive the first message from the first server, to store the first message, and to send the first message to an application client at a later time in response to receiving an HTTP polling request from the application client and determining that the first message was previously stored; and

the application client to send the HTTP polling request to the second server, to receive the first message from the second server, and to distribute the first message to a first client in the application client."

Claim 19:

"... providing a first server to communicate with one or more clients;

providing a second server to receive a message from the first server and to store the message from the first server, wherein the message includes information intended to instruct a first client to fetch data from the first server;

providing a second client in a same application client as the first client, wherein the second client is automatically to send HTTP polling requests to the second server; and

upon receiving a polling request from the second client, the second server is to send the message from the second server to the second client; and

wherein the second client is to distribute the message to the first client."

Nowhere do Tso et al. disclose the features of Applicant's claims 1 and 4-26. Based on the amendments and the remarks, Applicant respectfully requests that the Examiner reconsider and withdraw the rejection of these claims under 35 USC § 102(e).

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§103 Rejection of the Claims

Claim 2 was rejected under 35 USC § 103(a) as being unpatentable over Tso et al. and further in view of Elzur (U.S. 6,427,169). Applicant respectfully traverses the rejection. Claim 2 is dependent upon claim 1. Applicant addressed the rejection of claim 1 under 35 USC § 102(e), above, and believes that claim 1 is distinguishable over that which is disclosed by Tso et al. Accordingly, claim 2 is also distinguishable over that which is disclosed by Tso et al. Applicant further contends that claim 2 is distinguishable over the combination of Tso et al. and Elzur. For these reasons, Applicant respectfully requests that the Examiner reconsider and withdraw the rejection of claim 2 under 35 USC § 103(a).

Claim 3 was rejected under 35 USC § 103(a) as being unpatentable over Tso et al. as applied to claim 1 and further in view of Betros (US. Patent Application Publication No. US2002/0099795 A1). Applicant respectfully traverses the rejection. Claim 3 is dependent upon claim 1. Applicant addressed the rejection of claim 1 under 35 USC § 102(e), above, and believes that claim 1 is distinguishable over that which is disclosed by Tso et al. Accordingly, claim 3 is also distinguishable over that which is disclosed by Tso et al. Applicant further contends that claim 3 is distinguishable over the combination of Tso et al. and Betros. For these reasons, Applicant respectfully requests that the Examiner reconsider and withdraw the rejection of claim 3 under 35 USC § 103(a). The amendment to claim 3 is to make a non-substantive change to the claim language. No new matter is introduced in conjunction with the amendment.

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Conclusion

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at 408-333-9972 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

YAN ZHAO

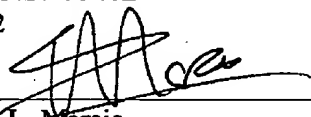
By his Representatives,

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Date

02/01/05

By


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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being faxed to MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this _____ day of February, 2005.

Name

Signature